

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Shocave - Thyroid detection</title>
```

```
  <!-- CSS Linkage - >
```

```
  <link rel="stylesheet" href="style.css">
```

```
  <!-- Font Awesome Cdn Linkage>
```

```
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font  
  awesome/5.15.3/css/all.min.css">
```

```
</head>
```

```
<body>
```

```
  <section class="main">
```

```
    <div class="image-container">
```

```
      <div class="image">
```

```
        
```

```
      </div>
```

```
      <h1>THYROID</h1>
```

```
      <h6>Developed by Batch XIV</h6>
```

```
    </div>
```

```
  <div class="input">
```

```
    <button class="talk"><i class="fas fa-microphone-alt"></i></button>
```

<h1 class="content"> Click here to speak</h1>

```
</div>
</section>

<script src="app.js"></script>
</body>

</html>
```

JAVASCRIPT

```
/*
    <--- THYROID --->
    *    A Thyroid detection
*/

const btn = document.querySelector('.talk');
const content = document.querySelector('.content');

function speak(sentence)
{
    const text_speak = new SpeechSynthesisUtterance(sentence);

    text_speak.rate = 1;
    text_speak.pitch = 1;

    window.speechSynthesis.speak(text_speak);
}

function wishMe() {
    var day = new Date(); var hr = day.getHours();

    if(hr >= 0 && hr < 12)
```

```
{  
  speak("Good Morning");  
  speak("How can i help?");  
}
```

```
else if(hr == 12)
```

```
{
```

```
  speak("Good noon");
```

```
  speak("How can i help?");
```

```
}
```

```
else if(hr > 12 && hr <= 17)
```

```
{
```

```
  speak("Good Afternoon");
```

```
  speak("How can i help?");
```

```
}
```

```
else {
```

```
  speak("Good Evening");
```

```
  speak("How can i help?");
```

```
}
```

```
}
```

```
window.addEventListener('load', ()=>{ speak("Hi..");
```

```
speak("I'm a Thyroid detection. My name is Thyroid. I'm developed by Batch  
Fourteen");
```

```
wishMe("");
```

```
})
```

```
const SpeechRecognition = window.SpeechRecognition ||  
window.webkitSpeechRecognition;
```

```
const recognition = new SpeechRecognition();
```

```
recognition.onresult = (event) =>
{
  const current = event.resultIndex;
  const transcript = event.results[current][0].transcript;
  content.textContent = transcript;
  speakThis(transcript.toLowerCase());
}
btn.addEventListener('click', ()=>
{
  recognition.start();
})

function speakThis(message)
{
  const speech = new SpeechSynthesisUtterance();

  speech.text = "I did not understand what you said please try again";

  if(message.includes('hi') || message.includes('hello')) {
    const finalText = "Hello. How can I help";
    speech.text = finalText;
  }

  else if(message.includes('how are you'))
  {
    const finalText = "I am fine. I think, you also fine"; speech.text = finalText;
  }
}
```

```
else if(message.includes('introduce yourself'))  
{  
  const finalText = "I'm a Thyroid detection. My name is Thyroid. I'm developed by  
  Batch Fourteen. I can help you that you want. Still, I'm under developing. I think, I'll  
  be more powerful with Batch Fourteen. Thank You";  
  speech.text = finalText;  
}
```

```
else if(message.includes('how old are you'))  
{  
  const finalText = "As I'm a Thyroid detection, I've no age. But, i can say that I've  
  started my journey from 05th april, 2024";  
  speech.text = finalText;  
}
```

```
else if(message.includes('what are you doing now') || message.includes('what are  
you doing'))  
  const finalText = "Oh. It's pretty cool. I'm talking with you";  
  speech.text = finalText;  
  
}
```

```
else if(message.includes('what is your name')) { const finalText = "My name is  
Thyroid"; speech.text = finalText;  
}
```

```
else if(message.includes('who is your developer') || message.includes('who  
developed you') || message.includes('who build you'))
```

```
{  
  const finalText = "I'm developed by Batch Fourtten. Let see his profile";  
  window.open("https://github.com/shohan3401", "_blank");  
  speech.text = finalText;  
}  
  
else if(message.includes('can you help me'))  
{  
  const finalText = "Why not? ask me. if possible, then i will try with my best";  
  speech.text = finalText;  
}  
  
else if(message.includes('who are you'))  
{  
  const finalText = "Hey!! I'm Thyroid. I'm your personal Thyroid detection.";  
  speech.text = finalText;  
}  
  
else if(message.includes('How can you help me'))  
{  
  const finalText = "It's cool. I can help you in many ways."; speech.text = finalText;  
}  
  
else if(message.includes('what is your name') || message.includes('tell me your  
name'))  
{  
  const finalText = "My name is THYROID";  
  speech.text = finalText;
```



```
}
```

```
else if(message.includes('open google'))
```

```
{
```

```
window.open("https://google.com", "_blank");
```

```
const finalText = "Opening Google";
```

```
speech.text = finalText;
```

```
}
```

```
else if(message.includes('open instagram'))
```

```
{
```

```
window.open("https://instagram.com", "_blank");
```

```
const finalText = "Opening instagram";
```

```
speech.text = finalText;
```

```
}
```

```
else if(message.includes('what is') || message.includes('who is') ||
```

```
message.includes('what are') || message.includes('how can')) {
```

```
window.open(`https://www.google.com/search?q=\${message.replace\(" ", "+"\)}`,  
"_blank");
```

```
const finalText = "This is what i found on internet regarding " + message; speech.text  
= finalText;
```

```
}
```

```
else if(message.includes('wikipedia')) {
```

```
window.open(`https://en.wikipedia.org/wiki/${message.replace("wikipedia", "")}`,  
"_blank");
```

```
const finalText = "This is what i found on wikipedia regarding " + message;  
speech.text = finalText;  
}
```

```
else if(message.includes('time')) {  
const time = new Date().toLocaleString(undefined, {hour: "numeric", minute:  
"numeric"})  
const finalText = time; speech.text = finalText;  
}
```

```
else if(message.includes('date'))  
{  
const date = new Date().toLocaleString(undefined, {month: "short", day: "numeric"})  
const finalText = date;  
speech.text = finalText;  
}
```

```
else if(message.includes('calculator'))  
{ window.open('Calculator:///')  
const finalText = "Opening Calculator";  
speech.text = finalText;  
}
```

```
else  
{  
window.open(`https://www.google.com/search?q=\${message.replace\(" ", "+"\)}`,  
"_blank");  
const finalText = "I found some information for " + message + " on google";  
speech.text = finalText;
```

```
}
```

```
speech.volume = 1;  
speech.pitch = 1;  
speech.rate = 1;  
window.speechSynthesis.speak(speech);  
}
```

```
else if(message.includes('date')) {  
  const date = new Date().toLocaleString(undefined, {month: "short", day: "numeric"})  
  const finalText = date;  
  speech.text = finalText;  
}
```

```
else if(message.includes('calculator')) { window.open('Calculator:///')  
  const finalText = "Opening Calculator"; speech.text = finalText;  
}
```

```
else {  
  window.open(`https://www.google.com/search?q=\${message.replace\(" ", "+"\)}`,  
    "_blank");  
  const finalText = "I found some information for " + message + " on google";  
  speech.text = finalText;  
}  
window.speechSynthesis.speak(speech);  
}
```

CSS

Import

```
url("https://fonts.googleapis.com/css2?family=Roboto+Mono:wght@100;200;300;400;500;600;700&display=swap");
```

```
* {  
margin: 0;  
padding: 0;  
box-sizing: border-box;  
font-family: "Roboto Mono", monospace;
```

```
.main {  
min-height: 100vh;  
position: relative;  
width: 100%;  
background: #000;  
display: flex;  
flex-direction: column;  
align-items: center;  
justify-content: center;  
}
```

```
.main .image-container { padding: 10px;  
}
```

```
.main .image-container .image { width: 100%;
```

```
display: flex;  
align-items: center; justify-content: center;  
}
```

```
.main .image-container .image img  
{  
  width: 170px;  
  align-items: center;  
}  
}
```